

Amendments to the Drawings:

The attached sheets include an amended FIG. 1 and a new FIG. 2. Amended FIG. 1 replaces the sole figure sheet previously appearing in this patent application, which has been labeled --FIG. 1--. In new FIG. 2, compression spring 33 and the pressure plate 27 are shown in detail as well as the features recited in claims 8, 15 and 21.

Attachment: One (1) replacement sheet and
 one (1) new drawing sheet

REMARKS/ARGUMENTS

The claims are 1-4, 8-16 and 18-22. Claim 1 has been amended to incorporate the subject matter of claims 6 and 7. Accordingly, claims 6 and 7 have been canceled. Claims 19 and 22 have been amended to improve their form and are now independent claims which also incorporate the subject matter previously appearing in claims 6 and 7. Claims 8, 9, 11 and 12, which previously depended on claim 6 have been amended to depend on claim 1, claim 4 has been amended to depend on claim 3, claims 20 and 21 have been amended to improve their form, and claims 5 and 17 have been canceled.

The sole FIG. has been relabeled FIG. 1 and a new drawing sheet FIG. 2 has been added showing the compression spring 33 and the pressure plate 27 in detail, the front element of the side valve projecting into the first hydraulic chamber as recited in claims 8 and 21, and a limit stop for limiting the exit of the indexer piston as recited in claim 15.

An amended Abstract has also been provided in place of previous Abstract. The specification has been amended so that the reference numeral 15 refers only to the pressure plate, to

delete the reference sign 27a, which is not shown in the drawings, and to change the reference numeral "37" to --37a, 37b-- as appropriate to conform with the drawings.

Support may be found in the disclosure at page 16, first paragraph, page 7 third paragraph, and in the original claims and drawing. Reconsideration is expressly requested.

The Examiner indicated that certified copies of the priority applications 10 2004 005 383.9 and 10 2004 023 235.0. had not been received. Accordingly, Applicant will submit these certified copies shortly.

The drawings were objected to under 37 CFR 1.83(a) as failing to show the fitting for connecting a compressed gas supply to a pressurized space (claim 5), a front element of the slide valve projecting into the first hydraulic chamber (claims 8 and 21), a limit stop for limiting the exit of the indexer piston (claim 15), and a special receiving means for a cannula (claim 17). The drawings were also objected to as not being clear in specifying the exact location of the compression spring 33 and the pressure plate 27. In response, Applicant has canceled claims 5 and 17, and has submitted a new drawing showing features recited in claims 8, 15 and 21 and the compression spring 33 and

the pressure plate 27 in detail. It is respectfully submitted that the foregoing amendments overcome the objections of the Examiner to the drawings, and Applicant respectfully requests that the objections to the drawings be withdrawn.

The Abstract of the Disclosure was objected to as containing legal phraseology. In response, Applicant has amended the Abstract to overcome these informalities, thereby obviating the Examiner's objection.

The Specification was objected to because the reference numeral 15 was used for both a pressure plate in line 4, page 13 and for a piston head in line 9 of page 16. In response, Applicant has amended the specification to change page 16, first paragraph to refer to pressure plate 15 in that the piston head functions as a pressure plate. It is respectfully submitted that the foregoing amendments overcomes the Examiner's objections to the specification, and Applicant respectfully requests that the objection on that basis be withdrawn.

Claims 4 and 20 were objected to because of certain informalities as set forth on page 5 of the Office Action, and claims 19-22 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite for the reasons set forth on page 6 of the

Office Action. In response, Applicant has amended claims 4 and 19-22 to correct these informalities. It is respectfully submitted that all currently pending claims fully comply with 35 U.S.C. 112, second paragraph, and Applicant respectfully requests that the objection on this basis be withdrawn.

Claims 1-6, 9-12 and 17-20 were rejected under 35 U.S.C. 102(b) as being anticipated by *Neracher U.S. Patent Application Publication No. 2002/0055712*. Claims 1, 6-19, 21 and 22 were rejected under 35 U.S.C. 102(b) as being anticipated by *Haar et al. U.S. Patent No. 6,440,099*.

In response, Applicant has amended claims 1, 19 and 22 to incorporate the subject matter of claims 6 and 7 thereby obviating the rejection on the basis of *Neracher*, and respectfully traverses the Examiner's rejection for the following reasons.

As set forth in claims 1, 19 and 22 as amended, Applicant's invention provides an anesthetic syringe having a slide valve and a feed piston that is longitudinally slidable within a carpule volume. As recited in claims 1 and 19 as amended, the feed piston has a feed piston pressure plate which is connected to a first hydraulic chamber, and a second hydraulic chamber is

provided in the syringe behind the first hydraulic chamber. The second hydraulic chamber is connected to the first hydraulic chamber so as to allow for regulation of the flow resistance, and the slide valve has a slide valve pressure plate connected to the first hydraulic chamber and is capable of closing or opening an opening of a control hole between the first and second hydraulic chambers.

As set forth in claim 22 as amended, the feed piston is connected to a hydraulic system with at least a first hydraulic chamber, and a second hydraulic chamber is provided in the syringe behind the first hydraulic chamber and is connected to the first hydraulic chamber so as to allow for regulation of the flow resistance. As with claims 1 and 19 as amended, the slide valve has a slide valve pressure plate connected to the first hydraulic chamber and is capable of closing or opening an opening of a control hole between the first and second hydraulic chambers.

According to the feature combinations recited in claims 1, 19 and 22 as amended, the slide valve has a piston head which is built as a pressure plate and which is connected to the first hydraulic chamber. This arrangement has the advantage that the user can sense the pressure in the first hydraulic chamber via

the slide valve 21, because the fluid in the first hydraulic chamber 16 in the first hydraulic chamber 16 exerts a pressure onto the pressure plate 27, which forces the slide valve 21 and therefore exerts a force onto the lever 24, on which the finger of the user is positioned.

None of the cited references discloses or suggests an anesthetic syringe in which a slide valve having a slide valve pressure plate connected to the first hydraulic chamber is capable of closing or opening an opening of a control hole between the first and second hydraulic chambers. In *Haar et al.*, the gas release valve 33 is breakable, and therefore cannot function as Applicant's slide valve which is designed for multiple use. Similarly *Neracher's* arrangement does not make it possible to sense the pressure as is possible with Applicant's anesthetic syringe. Accordingly, it is respectfully submitted that claims 1, 19 and 22 as amended, together with claims 2-4, 8-16, 18 and 20-21, which depend directly or indirectly on claim 1 as amended, contain patentable and unobvious subject matter.

In summary, claims 1, 8, 9, 11, 12, and 19-22 have been amended, claims 5-7 and 17 have been canceled. The Abstract has also been amended along with the previous sole figure and a new

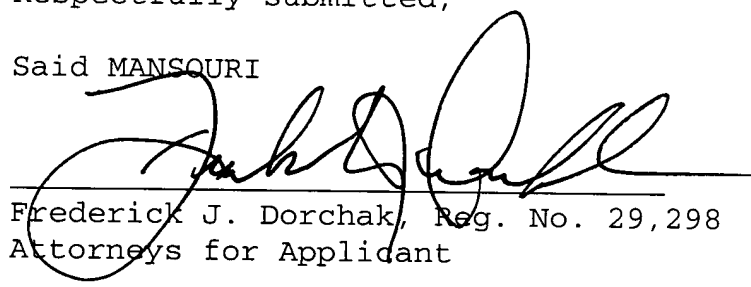
drawing sheet has been added. The specification has also been amended. In view of the foregoing, it is respectfully requested that the claims be allowed and that this case be passed to issue.

Applicant also submits herewith a Supplemental Information Disclosure Statement.

Respectfully submitted,

Said MANSOURI

COLLARD & ROE, P.C.
1077 Northern Boulevard
Roslyn, New York 11576
(516) 365-9802



Frederick J. Dorchak, Reg. No. 29,298
Attorneys for Applicant

Enclosures: Abstract
 Appendix - 1 replacement sheet and
 1 new drawing sheet
 Copy of Petition for 3-month extension of time
 Supplemental Information Disclosure Statement

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 16, 2007.



Melissa Konko